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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/014,577

12/14/2001

Hirokazu Shoda

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22428

7590

06/28/2005

FOLEY AND LARDNER

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3000 K STREET NW

WASHINGTON, DC 20007

EXAMINER

GIBBS, HEATHER D

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 06/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/014,577	Applicant(s) SHODA ET AL.	
	Examiner Heather D. Gibbs	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 April 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>12/14/01</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Kuriyama (US 6,228,125).

Regarding claim 1, which is representative of claims 9,17, Kuriyama discloses An image-processing device comprising: a first reading module 10a which reads a first signal in a main scanning direction of an image of a document; a second reading module 10b which reads a second signal the main scanning the document; direction of the image of a scanning module including a carriage which relatively moves the first and second reading modules and the image of the document to make the first and second modules scan the image the document in its sub-scanning direction (Col 4 Lines 28-42); a scanning-control-condition selecting module 16 which selects scanning control conditions the scanning module in accordance with a plurality of read magnifications preset as read magnifications by first and second reading modules to the document (Col 16 Lines 30-45; Fig 31); first setting module which sets the scanning control

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conditions selected by the scanning-control- condition selecting module to a plurality of control conditions the first accordance with the read magnification reading module ; a second setting module which sets the scanning control conditions selected by the scanning-control- condition selecting module to a plurality of control conditions in accordance with a read magnification of the second reading module (Fig 31; Col 16 Lines 30-45); and an operating module which computes the image data at a corresponding read magnification in accordance with the first and second signals read by the first and second reading modules at any one of the preset read magnifications when set to a read magnification other than the preset read magnifications (Col 13 Line 63-Col 14 Line 7).

Considering claim 2, which is representative of claim 10, Kuriyama teaches An image-processing device according to claim 1, wherein the operating module is provided with first and second operating modules which compute the image data values at a corresponding read magnification through enlargement and reduction operations in accordance with the first and second signals read by the first and second reading modules at any one of the above preset read magnifications when set to a read magnification other than the above preset read magnifications and a changing module for adaptively changing the first and second operating modules in accordance with a set read magnification (Fig 20; Col 9 Lines 16-Col 11 Line 36).

For claim 3, which is representative of claim 11, Kuriyama discloses An image-processing device according to claim 1, wherein the first and second

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setting modules set the scanning control conditions in accordance with light-receiving-sensitivity ratios of the first and second reading modules (Col 4 Lines 25-42).

Regarding claim 4, which is representative of claims 8,12,16, Kuriyama discloses an image-processing device according to claim 1, wherein the first and second setting modules set the scanning conditions to a specific magnification and magnifications upper and lower than the specific magnification the carriage scan. order to prevent vibrations caused by the carriage scan (Col 8 Lines 34-41).

For claim 5, which is representative of claims 6,13-14,18-19, Kuriyama teaches An image-processing device comprising: first reading module which reads a monochrome signal main scanning direction of an image of a document; a second reading module which reads a color signal in the main scanning direction of the image of the document (Col 4 Lines 28-42) ; a correcting module which aligns color signals read by the second reading module every line (Col 6 Lines 5-29; Fig 4); a scanning module including a carriage which relatively moves the first and second reading modules and the image of document to make first and second reading modules scan the image of the document sub-scanning direction (Col 17 Line 62- Col 18 Line 24); a scanning-control-condition selecting module which selects scan-control conditions of the scanning module accordance with a plurality of read magnifications preset as read magnifications first and second reading modules (Col 16 Lines 30-45; Fig 31); a setting module which sets the scanning control conditions selected by the scan-control-condition

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selecting module to a plurality of control conditions in accordance with the correction of color signals be corrected by the correcting module every line (Col 16 Lines 30-45; Fig 31) ; and an operating module which computes the image data read magnifications of the document by the scanning module of a corresponding read magnification through operations in accordance with the first and second signals read by the first and second reading modules at any one of the preset read magnifications when set to a read magnification other than the preset read magnifications (Col 13 Line 63- Col 14 Line 7).

Considering claim 7, which is representative of claims 15,20, Kuriyama discloses An image-processing device comprising: a reading module which reads signals in a main scanning direction of an image of a document; a scanning module including a carriage which relatively moves the reading module and the image of the document to make the reading module scans the image of the document in its sub-scanning direction (Col 4 Lines 28-42); a scanning-control-condition selecting module which selects scanning-control conditions of the scanning module in accordance with a plurality of read magnifications preset as read magnifications of the document by the reading module (Col 16 Lines 30-45; Fig 31); a setting module which sets the scanning control conditions selected by selecting module to a the scanning-control-condition plurality of control conditions in accordance with read magnifications of the reading module (Col 16 Lines 30-45); a first operating module which computes the image data a corresponding read magnification through enlargement operation in accordance with the signal read by the reading module at any one of the preset read magnifications when

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set a read magnification other than the preset read magnifications; a second operating module which computes the image data at a corresponding read magnification through reduction operation in accordance with the signal read by the reading module at any one of the preset read magnifications when set to a read magnification other than the preset read magnifications (Col 16 Lines 30-45); and a changing module which adaptively changes the first and second operating modules in accordance with a set read magnification (Col 11 Lines 1-17).

Conclusion

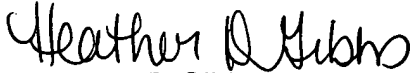
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D. Gibbs whose telephone number is 571-272-7404. The examiner can normally be reached on M-Thu 8AM-7PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

hdg


Heather D Gibbs
Examiner
Art Unit 2622


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